

Weekly Report for Week Ending 01/25/2013

IBM - OpenStack

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Status Summary

We have contacted our mentor and met with last year's capstone group at IBM to get an outline of what IBM has requested. We met with different systems administrator's within the department to gain access to last year's capstone project and have been allotted resources for our project. We've initiated the setup of a development instance of OpenStack on CS department hardware. We also have a good start on our Project Initiation document and are brainstorming ways to use the platform in ways that benefit the university. We are using this brainstorming as preparation to discuss different possibilities with department faculty.

Top Highlights

- Established contact with our mentor and scheduled a weekly meeting time.
- Discussed high-level goals of the project with last year's capstone group and were provided with different resources they utilized.
- Project Initiation document is close to complete.

Top Lowlights

- Our mentor was unable to meet with us as they were tied up in meetings all week.
- We still do not have a clear understanding of our project goals because of the communication gap.

Accomplishments vs. Plan

- Accomplishment - Gained access to all necessary resources and was allocated computing resources for a development environment.
 - Owner: Team
 - Status: Complete
- Plan - Become familiar with OpenStack development instance.
 - Owner: Team
 - Status: Development instance is operational, we are now all reading documentation on our own and conversing on our findings.
- Plan - Complete Project Initiation Document and Project Plan.
 - Owner: Team
 - Status:
 - Document structure has been created and is over halfway complete. It will need to be reviewed and agreed on before submission next week.
 - Project Plan Sprint 1 complete.

- Plan - Discuss possible OpenStack use cases within the department with faculty and staff.
 - Owner: Team
 - Status: We have a discussion board created that all of us are using to throw ideas back and forth. We are including systems administrators and professors in our discussions.

Goals for Next Week

- Complete Project Initiation document.
 - Owner: Team
- Have working individual devstack environments and test a few different modules.
 - Owner: John Rensberger, John Nagel
- Deploy VMs in the CS virtualization server for testing OpenStack.
 - Owner: Cesar Ramirez